

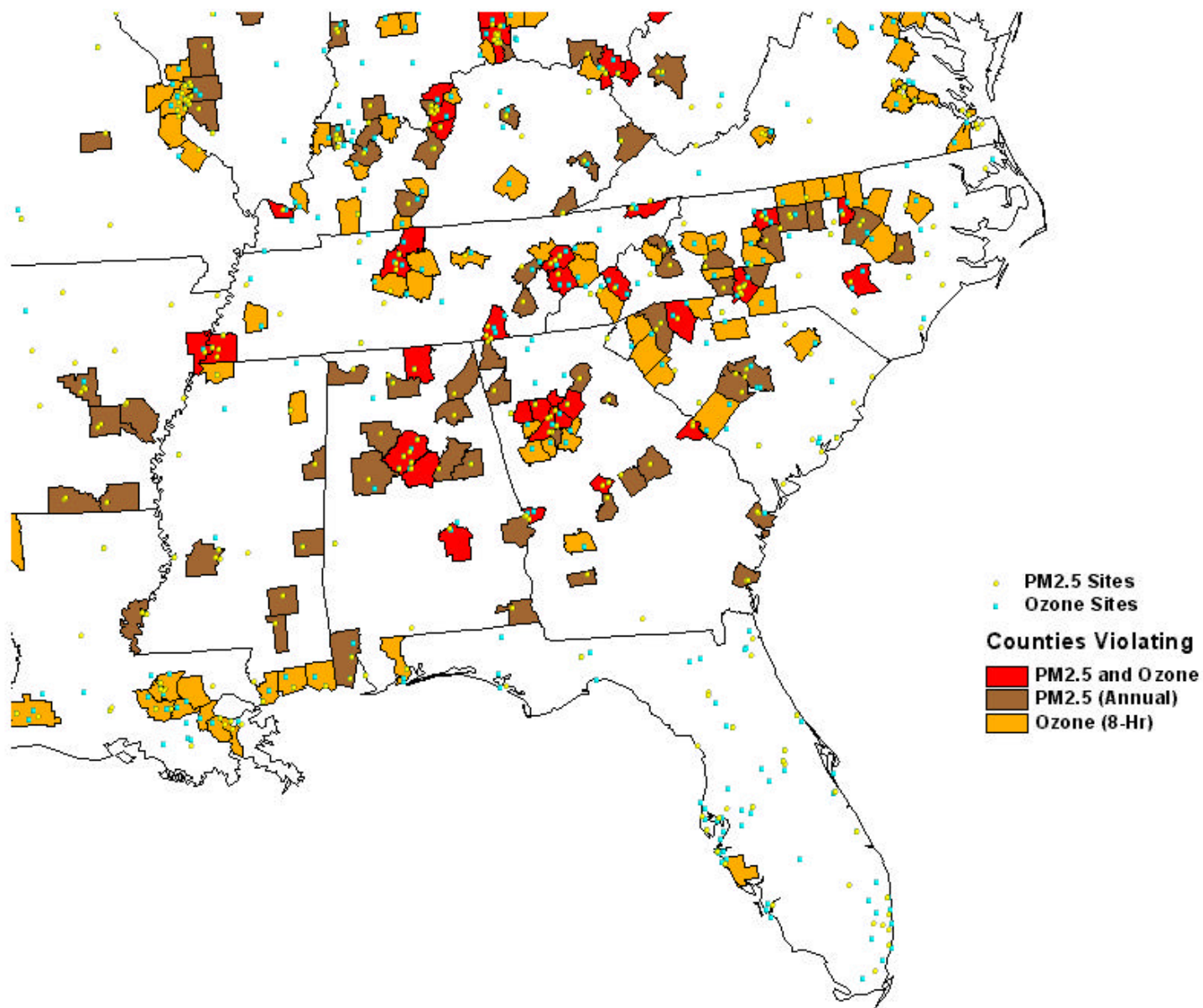
Early Action Compact Meeting

Presented by Karen Borel

EPA Region 4

March 3, 2003

Counties with Violating Monitors (99-01)



Implications of 8-Hour Ozone Nonattainment Designation

- Implementation Guidance will provide guidance on boundaries and designations
- Areas will be subject to nonattainment area requirements
 - New Source Review
 - Conformity
 - Will apply one year after designation
 - Requires that area transportation plan show “conformity” with SIP motor vehicle emissions budget
- Development & Submittal of State Implementation Plan
 - Schedule for SIP Submittal given at designation
 - Attainment demonstration, control measures, modeling
 - NOx SIP Call, Tier 2 and Low Sulfur Gasoline controls expected to aid many areas in attaining

Boundary Guidance (*March 28, 2000*)

- Design Value for the Area
- Period of Time Represented by the Design Value
- Monitoring Site Location and Identification Number
- Population
- Traffic and Commuting Patterns
- Commercial Development
- Growth
- Prevailing Meteorology
- Nearby Sources
- Other Justification Factors

8-Hour Ozone NAAQS - Schedule for Implementation

- 2002-2003 - Propose and finalize rulemaking on the implementation approach
- April 2003 - State/Tribes to update recommended designations
- April 2004 - EPA will promulgate air quality designations
- State implementation plans (SIPs) - likely due in 2007-2008 time frame, with attainment dates ranging from 2007 to 2019 or longer.

Topics for the 8-Hour Ozone Implementation Rule

- Area classification approaches ...what subpart to use
- Attainment dates
- Transition from 1-hr to 8-hr NAAQS
- Anti-backsliding
- Flexibility vs mandatory controls
- Ozone transport issues
- Modeling & attainment demonstrations
- Reasonable further progress requirements
- Reasonably available control measures/technology
- Conformity
- New Source Review
- Optimizing for O₃ and PM
- Tribal issues
- Early reduction programs
- Timing of designations and classifications

Early Action Compact

- On June 19, 2002, EPA Region 6 endorsed Texas' Protocol for an Early Action Compact
- Protocol deals with attainment of the 8-hr National Ambient Air Quality Standards (NAAQS) for ozone
- Calls for “early” SIPs and associated controls coupled with a deferral of the effective date of future EPA ozone nonattainment (NA) designations.

Compact Requirements - Milestones and Reporting

- Completion of **emissions inventories and modeling**
- Adoption of **control strategies that demonstrate attainment**
- Completion and **adoption of the early action SIP revision**
- **Attainment** not later than **December 31, 2007**
- **Post-attainment demonstration** and plan updates

Who Submitted EACs in Region 4?

■ North Carolina

- 4 Areas – includes 20 Counties and 19 Cities
- Mountain area (Western NC, including Asheville; Unifour (Hickory area); Triad (Greensboro area); and Fayetteville

■ South Carolina

- 10 Areas – includes 45 of 46 counties in SC, and 2 Counties in GA
- Greenville; Charlotte, Florence, Charleston, Augusta-Aiken, Columbia and others

■ Tennessee

- 8 areas – includes 30 Counties and 7 Cities
- Chattanooga, Knoxville, Johnson City/Kingsport, Memphis, Nashville and others

Timeline

- **December 31, 2002** - Compact signed by all parties in MSA (local officials, state air quality agency, and EPA Region)
- **June 16, 2003** - Submit list of local control measures being considered
- **March 31, 2004** - Local plan submitted to the state
- **April 2004** – EPA designates “Compact Areas” as nonattainment, but defers effective date for these areas

Timeline (*continued*)

- **December 31, 2004** - State adopts control measures into SIP & submits to EPA for approval
- **2005** – Areas implement control measures
- **June 30, 2006** - Progress assessment and report to EPA
- **December 2007** – Areas attain 8-hr ozone NAAQS